

# High Performance Doors and Dock Equipment



Hörmann Flexon LLC  
Buncher Commerce Park  
Avenue C Building 20-A  
Leetsdale, PA 15056-1376

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## SECTION 11880

(Rev. 5-09)

### Hörmann Flexon 600 SERIES DOCK DOOR ENCLOSURES

#### PART 1 – GENERAL

##### 1.01 WORK INCLUDED

- A. Provide material equipment, services, and labor to install the dock shelters as shown on the plans and specified herein.

##### 1.02 SUBMITTALS

- A. Shop drawings: Submit sets indicating elevations, sizes, and methods of construction connection to adjacent members and installation.
- B. Product data: Manufacturer's standard equipment brochure.
- C. Colors: Manufacturer's standard color samples. The Architect shall select the colors.

##### 1.03 DELIVERY STORAGE AND HANDLING

- A. Deliver and store product in accordance with manufacturer's printed instructions.
- B. If a dry, well-ventilated storage room is available at the facility, request permission to store the materials. If storage space is not available at the facility, store them in a safe, dry interior storage area.

#### PART 2 – PRODUCTS

##### 2.01 ACCEPTABLE MANUFACTURER

- A. Hörmann Flexon LLC, Buncher Commerce Park, Avenue C. Bldg. 20-A, Leetsdale, PA 15056-1376.  
TOLL FREE: (800) 365-3667 / Outside USA: (724) 385-9150 / Fax: (724) 385-9151 /  
Web: [www.hormann-flexon.com](http://www.hormann-flexon.com) / Email: [sales@hormann-flexon.com](mailto:sales@hormann-flexon.com)

##### 2.02 MATERIALS

- A. Dock Shelter type: Hörmann Flexon Weather-Shield Series 600, Rigid Dock Shelter.
- B. Sizes: See plans and verify in field.
- C. Face Curtains: Head and side curtain material to be nylon reinforced, spread coated fabric. Material choices are:
- 22 oz. Balanced vinyl (light to medium duty)
  - 40 oz. Balanced vinyl (medium to heavy duty)
  - Bulldog Hi-Tear unbalanced vinyl (heavy duty)
  - 40 oz. Unbalanced Hypalon (heavy duty)

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- D. Thread: Black, polyester, Dabond twisted, multi-cord, anti-wicking, V-207 government SPEC V-T-285-D.
- E. Side frames: 2 x 4 Kiln-dried, (Wolmanized), pressure treated lumber construction, covered with translucent white, nylon reinforced, 13 oz per square yard vinyl. Each side frame to include aluminum trim on leading edge and additional 2" x 6" brace for extra support.
- F. Head frames: 2 x 6 raked kiln-dried, (Wolmanized) pressure treated lumber construction, covered with translucent white, .045 thick fiberglass. Finished with aluminum trim on leading edge.
- G. Steel support bumpers – Type "1"
- H. Bottom draft cushions – Polyurethane foam covered with nylon reinforced Hypalon oz vinyl – cushions are independent from side curtains.
- I. Wear areas: Head curtain to include (2) overlapping flaps covering a total area of 27" w x 34" h on each end. Unit to include extra wear area full width x 18" h on bottom of each side curtain. Wear area and flaps to be same fabric as face curtains.
- J. Stays: Fabricate curtains to have Scotch-Ply stays in sewn on pockets of side curtains and head curtains. Each stay to be covered with a minimum of 16 oz material before being placed in pocket for improved wear of curtains.
- K. Miscellaneous:
  - Guide stripes: 6" w x 12" h nylon reinforced vinyl, dual position, color coded (yellow for 8' 0" wide, orange for 8' 6" wide trailers) guide stripes sewn to the bottom of each side curtain.
  - Side curtains to include full-length foam bead on leading edge.

### 2.03 FABRICATION

- A. Fabricate dock seals to fit in accordance with field measurements and manufacturer's recommendations.
- B. Dock Shelter fabrication: Side frames and head frames to be fabricated by means of nailing cross bracing with 3 ½" spiral nails. Cover of side and head frames to be fastened with staples. Face curtains to be attached with aluminum angle – 1 ½" x 2" x 1/16", fastened down by Hex bolt and nut – 2 ½" x 5/16". Head frame is fastened to side frames with 3" x 5/16" lag.
- C. Ship dock shelters according to manufacturer's standard procedure.

### PART 3 – EXECUTION

#### 3.01 INSTALLATION

- A. Install dock shelters in accordance with manufacturer's recommendations.